

Serial No.: 10/719,017

IN THE CLAIMS:

1.-3. (Cancelled)

4. (Currently Amended) A polymer insulator apparatus comprising a rectangular structure comprising plural polymer post insulators, a supporting structure and a plate member, wherein a first end of each polymer post insulator is connected to said supporting structure, and a second end of each said polymer post insulators is connected to said plate member~~according to Claim 1, wherein the plural polymer post insulators are connected by a supporting structure at one end thereof and are connected by a plate member at the other end thereof.~~

5. (Currently Amended) A method for mounting plural polymer post insulators on a supporting structure, wherein comprising:

providing a supporting structure and plural polymer post insulators;

Serial No.: 10/719,017

connecting a first end of each said ~~the plural polymer post~~  
~~insulators are connected~~ insulator to the supporting structure;  
and

connecting a second end of each said plural polymer post  
insulator such that said plural polymer post insulators are  
parallel to each other and normal to the supporting structure ~~at~~  
~~each one end thereof to be arranged in parallel, each other end~~  
~~of the polymer post insulators is connected, the axial~~  
~~direction of the plural polymer post insulators is horizontal,~~  
~~and the direction of parallel arrangement of the plural polymer~~  
~~post insulators is vertical to enhance the strength along the~~  
~~arranged direction in parallel of the polymer insulators.~~

6. (Currently Amended) A The method according to Claim 5,  
wherein said first end of each said polymer post insulator is  
connected to said supporting structure by a first rigid body  
comprising a part of said polymer post insulator, and said  
second end of each said polymer post insulator is connected to a  
plate member by a second rigid body comprising a part of said

Serial No.: 10/719,017

polymer post insulator~~the plural polymer post insulators are~~  
~~connected by a rigid body at each other end thereof.~~

7. (Currently Amended) A The method according to Claim 5,  
wherein said first end connection and said second end connection  
each comprise a rigid connection~~the plural polymer post~~  
~~insulators are connected rigidly.~~

8. (Currently Amended) A The method according to Claim 5,  
wherein when an axial direction along a length of each said  
plural polymer post insulator is substantially a horizontal  
direction and an axial direction along a length of said  
supporting structure is substantially a vertical direction, then  
said plural polymer post insulators are for supporting a weight  
of a load acts~~acting~~ in the vertical direction.

9. (New) The polymer insulator apparatus according to  
Claim 4, wherein said supporting structure is configured for  
operating with an electric power transmission line.

Serial No.: 10/719,017

10. (New) The method according to Claim 5, wherein said supporting structure is configured for operating with an electric power transmission line.